



SKILLSHEET 15.1

Converting fractions to decimals

To convert a fraction to a decimal, divide the numerator by the denominator. When this is done on your calculator the answer appears in decimal form.

WORKED EXAMPLE

Write $\frac{5}{8}$ as a decimal.

THINK

Divide 5 by 8 on your calculator.

WRITE

$$5 \div 8 = 0.625$$

Your calculator may convert fractions to decimals without doing the division. This can usually be done by pressing the fraction button again after the fraction has been entered.

Try these

Write each of the following fractions as a decimal.

1 $\frac{1}{2}$

2 $\frac{1}{4}$

3 $\frac{1}{5}$

4 $\frac{1}{10}$

5 $\frac{3}{4}$

6 $\frac{2}{5}$

7 $\frac{7}{10}$

8 $\frac{3}{8}$

9 $\frac{13}{20}$

10 $\frac{1}{3}$

11 $\frac{5}{6}$

12 $\frac{7}{12}$

SKILLSHEET — ANSWERS

SKILLSHEET 15.1

Converting fractions to decimals

- | | |
|-----------------|------------------|
| 1 0.5 | 2 0.25 |
| 3 0.2 | 4 0.1 |
| 5 0.75 | 6 0.4 |
| 7 0.7 | 8 0.375 |
| 9 0.65 | 10 $0.\dot{3}$ |
| 11 $0.8\dot{3}$ | 12 $0.58\dot{3}$ |